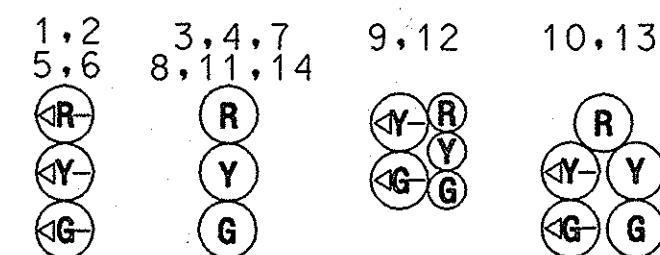
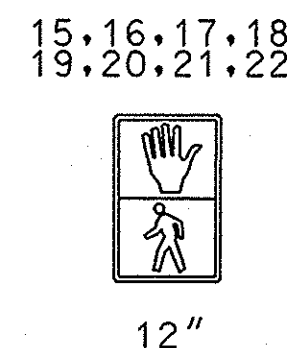


MD 193 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

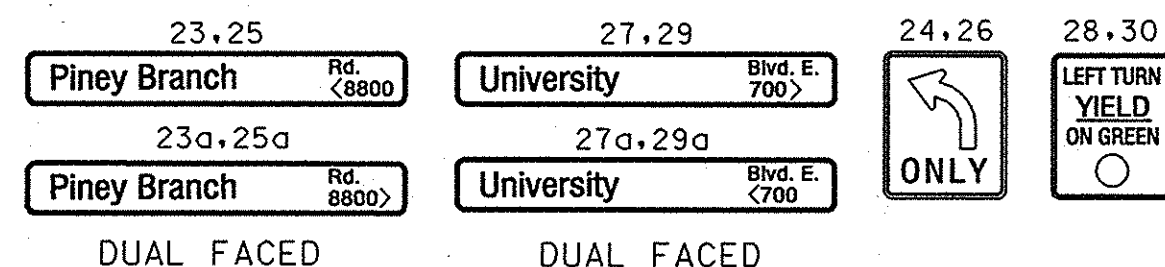
EXISTING SIGNAL HEADS TO REMAIN



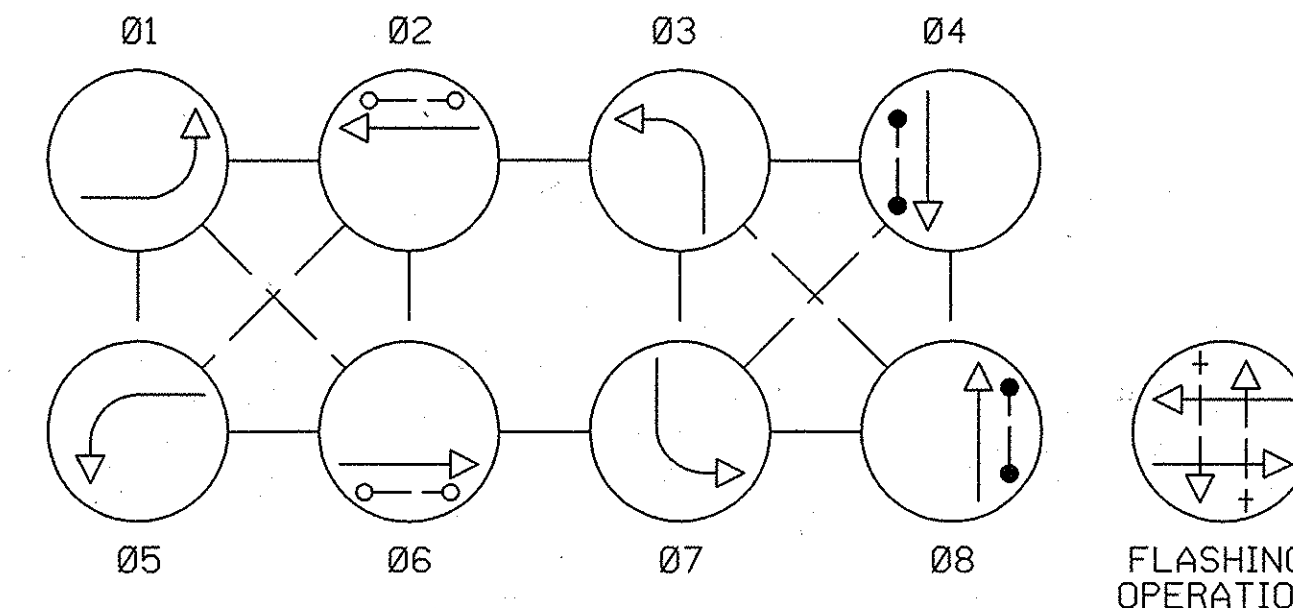
PROPOSED SIGNALS



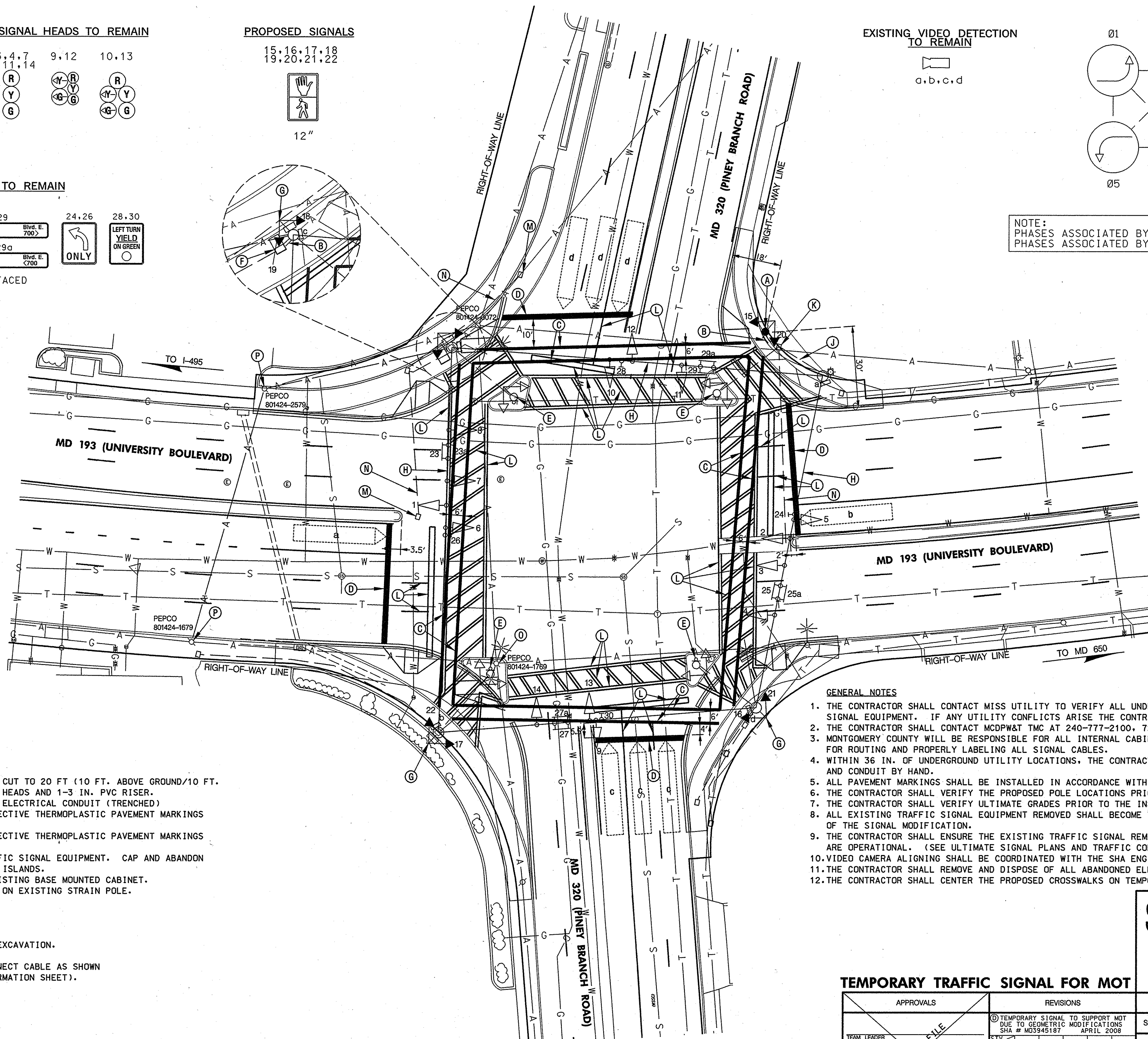
EXISTING SIGNS TO REMAIN



NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



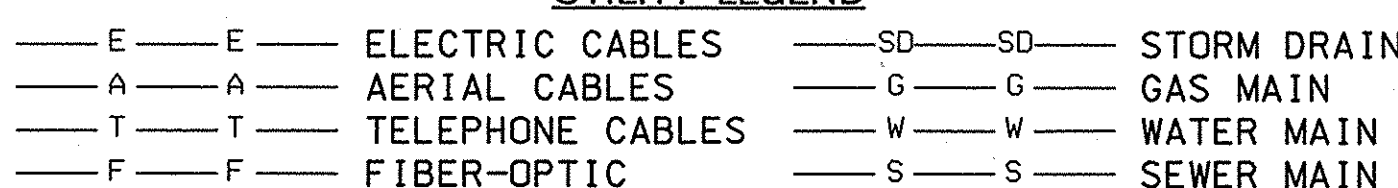
GENERAL NOTES

1. THE CONTRACTOR SHALL CONTACT MISS UTILITY TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
2. THE CONTRACTOR SHALL CONTACT MCDPW&T TMC AT 240-777-2100, 72 HOURS PRIOR TO MARK UNDERGROUND SIGNAL EQUIPMENT.
3. MONTGOMERY COUNTY WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES.
4. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
5. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
6. THE CONTRACTOR SHALL VERIFY THE PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
7. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
8. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
9. THE CONTRACTOR SHALL ENSURE THE EXISTING TRAFFIC SIGNAL REMAINS OPERATIONAL UNTIL RECONSTRUCTED TRAFFIC SIGNALS ARE OPERATIONAL. (SEE ULTIMATE SIGNAL PLANS AND TRAFFIC CONTROL PLANS FOR DETAILS ON MAINTENANCE OF TRAFFIC.)
10. VIDEO CAMERA ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
11. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
12. THE CONTRACTOR SHALL CENTER THE PROPOSED CROSSWALKS ON TEMPORARY HMA CONSTRUCTED RAMPS.

CONSTRUCTION DETAILS

- A. INSTALL 40 FT. CLASS II WOOD POLE - CUT TO 20 FT (10 FT. ABOVE GROUND/10 FT. UNDERGROUND) WITH PEDESTRIAN SIGNAL HEADS AND 1-3 IN. PVC RISER.
- B. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)
- C. INSTALL 12 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALK.
- D. INSTALL 24 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS FOR STOPLINE.
- E. REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL EQUIPMENT. CAP AND ABANDON CONDUITS IMPACTED BY THE REMOVAL OF ISLANDS.
- F. INSTALL 1-3 INCH CONDUIT BEND IN EXISTING BASE MOUNTED CABINET.
- G. INSTALL NEW PEDESTRIAN SIGNAL HEADS ON EXISTING STRAIN POLE.
- H. USE EXISTING SPAN WIRE.
- J. USE EXISTING CONDUIT.
- K. USE EXISTING HANDHOLE.
- L. REMOVE EXISTING PAVEMENT MARKINGS.
- M. HANDHOLE TO BE REMOVED BY CLASS II EXCAVATION.
- N. ABANDON EXISTING CONDUIT.
- O. PULL AND RE-ROUTE EXISTING INTERCONNECT CABLE AS SHOWN ON WIRING DIAGRAM (SEE GENERAL INFORMATION SHEET).
- P. USE EXISTING UTILITY POLE

UTILITY LEGEND



TEMPORARY TRAFFIC SIGNAL FOR MOT

APPROVALS	REVISIONS
TEAM LEADER	① TEMPORARY SIGNAL TO SUPPORT MOT DUE TO GEOMETRIC MODIFICATIONS SHA # MD3945187 APRIL 2008
ASST. DIV. CHIEF	STV
DIVISION CHIEF	C 2/2/2008 REPLACE LOOP DETECTION WITH VIDEO CAMERAS
OFFICE DIRECTOR	BRD JDH BRK B AS BUILT: INSTALL PED SIGNAL IN S.E. ISLAND; RELOCATE EXCLUSIVE L.T. SIGNALS ON SPAN WIRE 10/6/97 WM BRK

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 193 (UNIVERSITY BOULEVARD) AT MD 320 (PINEY BRANCH ROAD)

SIGNALIZATION PLAN SHEET

SCALE 1" = 20'	ADVERTISED DATE 10/06/97	CONTRACT NO. MO717545B54
DESIGNED BY W. MALCOLM	COUNTY MONTGOMERY	
DRAWN BY	LOGMILE 15019306.15	
CHECKED BY	TIMS NO. H325	
F.A.P. NO. SEE TITLE SHEET	TOD NO. MO717-09	
TS NO. 3661D	DRAWING - OF	SHEET NO. 13 OF 21

PLOTTED: Friday, March 28, 2008 AT 11:35 AM
FILE: I:\PROJECTS\010210\010210_0004\Drawings\TRAFFIC\Temporary Signal\p001_m193.dgn

BY: sharpsb



STV Incorporated

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